



16-Port HDMI/USB KVM Switch with Audio/Video and USB Peripheral Sharing, 1U Rack-Mount, TAA

MODEL NUMBER: B024-HU16











Controls up to 16 HDMI-enabled laptop or notebook computers using one centralized HDMI monitor and USB keyboard/mouse.

Features

Connects 16 HDMI-Enabled Devices to a Single HDMI Monitor, Keyboard and MouseThis rackmount KVM switch lets you access, control, boot and reboot up to 16 computers or other devices with HDMI ports at the same time. In addition to desktop and notebook computers, the switch also connects up to 16 media centers, gaming systems, Blu-ray and DVD players, cable and satellite boxes, DVRs and other HDMI-enabled devices. All 16 computers share one HDMI monitor, USB keyboard and USB mouse, which saves space on your desk or workspace.

Connect up to 256 Computers to One Original ConsoleYou can also cascade up to two levels of B024-HU16 KVM switches, allowing centralized access to as many as 256 computers using a single monitor, keyboard and mouse.

Switching Between Computers Is Fast and EasyUse the front-panel pushbuttons, hotkey commands or multi-lingual On-Screen Display (OSD) with text-based interface for quick and easy toggling between computers. Or you can use Auto Scan mode to scan all connected computers in five-second intervals automatically. Orange LEDs indicate which computer is currently selected.

Cables Are Included for Fast and Simple SetupConnect your HDMI monitor, keyboard, mouse, and speakers to the switch's console ports. Then, use the included HDMI and USB cables to connect your computers to the KVM switch. The plug-and-play B024-HU16 requires no drivers, so you can connect and use it immediately. It works with all major operating systems, including Windows, Mac and Linux.

USB Hub Lets You Share Peripherals between ComputersThe built-in two-port USB 2.0 hub allows you to share USB peripherals, such as printers, hard drives, scanners, webcams and flash drives, between all connected computers. Because the USB ports operate independently, you can print documents from one computer while working on a different computer. The hub is backward compatible with USB 1.1 devices. Green LEDs indicate which computer is using the connected USB device.

Transmits Crystal-Clear 1080p Video and Digital AudioThe B024-HU16 supports high-definition video resolutions up to 1920 x 1200 (including 1080p) at 60 Hz, 2.1-channel surround sound audio and USB 2.0 data transfer rates up to 480 Mbps. With independent audio switching, you can listen to music or other audio from one computer while working on a different computer. The front-panel audio jacks have priority over the rear-panel jacks.

Highlights

- Supports HD resolutions up to 1920 x 1200 (@ 60 Hz) for crystal-clear 1080p video
- Cascade up to 2 levels to control as many as 256 computers from a single console
- Built-in 2-port USB 2.0 hub lets you share USB peripherals among connected computers
- Pushbuttons, hotkeys or onscreen display allow easy toggling between computers
- Widely compatible KVM switch works with Windows, Mac and Linux operating systems

Applications

- Share the keyboard, mouse and HDMI display of a laptop or notebook computer with multiple computers
- Connect up to 16 gaming consoles, media centers and other A/V devices for a home theater system with 1080p resolution
- Save money and space by sharing USB peripherals, such as a printer and external hard drive, among all connected computers
- Control up to 256 computers by cascading 2 levels of KVM switches

System Requirements

- Console with HDMI monitor, USB keyboard/mouse and (optional) speakers with 3.5 mm connectors
- Computer with HDMI port, USB-A port and (optional) 3.5 mm audio jack
- Windows, Mac, Sun or Linux operating system

Package Includes

- B024-HU16 16-Port HDMI/USB KVM Switch, 1U
- (2) HDMI/USB KVM cable kits, 6 ft.
- Firmware upgrade cable, 6 ft.
- External power supply with C13 to NEMA 5-15P power cord (Input: 100–240V, 50/60 Hz, 0.7A; Output: 5V 4A)





Stack Units to Expand Your Workstation and Enhance Your ProductivityStack as many as eight B024-HU16 KVM switches to take advantage of multi-display mode. Depending on the number of stages in your stack, your installation may offer dual-display, triple-display, quad-display or multi-display scenarios, up to eight stages.

(4) Rubber feetRack-mounting hardware

· Quick Start Guide

Designed for Convenient Mounting with Included HardwareThe heavy-duty metal housing comes with mounting hardware for 1U installation in an EIA-standard 19-inch rack. It also allows desktop deployment on included rubber feet that help prevent the unit from sliding. The included power supply connects to any standard AC power source.

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TAA-Compliant for GSA Schedule PurchasesThe B024-HU16 is compliant with the Federal Trade

Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and

Specifications

other federal procurement contracts.

OVERVIEW		
UPC Code	037332251916	
Max CPU	16	
Technology	HDMI; Stereo Audio; USB 2.0 (High Speed)	
VIDEO		
Number of Monitors Supported	1	
Max Supported Video Resolution	1920 x 1200 @60Hz	
Max. Distance (Between any 2 Units)	15-FT	
Max Number of Ports (Entire Chain)	256	
Extended Mode	No	
Mirror Mode	No	
AUDIO		
Audio Specification	2.1 channel surround sound	
INPUT		
AC Power Adapter Plug(s)	NEMA 5-15P North America	
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.7A	
AC Power Adapter Output Specs (V / A)	5V / 4A	
AC Power Adapter Cord Length (ft.)	5	
AC Power Adapter Cord Length (m)	1.5	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240	
Input Frequency	50/60Hz	
Input Current	0.7A	





Power Input Receptacle	IEC-320-C14	
Redundancy - Dual Power Inputs	No	
Bus Powered	No	
OUTPUT		
Frequency Compatibility	50 / 60 Hz	
POWER		
Power Source Type	AC Adapter with detachable power cord	
CONNECTIONS		
Number of Ports	16	
Daisy-Chain Port	No	
Firmware Upgrade Port	No	
PC/Server Connections	HDMI; USB	
Side A - Connector 1	(16) HDMI (FEMALE)	
Side A - Connector 2	(16) USB B (FEMALE)	
Side A - Connector 3	(16) 3.5MM (FEMALE)	
Side B - Connector 1	(1) HDMI (FEMALE)	
Side B - Connector 2	(4) USB A (FEMALE)	
Side B - Connector 3	(2) 3.5MM (FEMALE)	
Side B - Connector 4	(1) RJ11 (FEMALE)	
Computer Keyboard and Mouse Interface	USB	
Computer Monitor Interface	HDMI	
Console Keyboard and Mouse Interface	USB	
Console Monitor Interface	HDMI	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators	(x16) Connection (Dim Orange), KVM and Audio Focus (Bright Orange), Reset, Auto Scan or Firmware Upgrade Mode (Flash); (x16) USB Hub Focus (Green); (x1) Power (Dark Green)	
PHYSICAL		
Color	Black	
Material of Construction	Steel (Steel Electrodeposition Cold Common)	
Rackmountable	Yes	
Shipping Dimensions (hwd / in.)	19.65 x 5.24 x 12.76	
Shipping Dimensions (hwd / cm)	49.91 x 13.31 x 32.41	
Shipping Weight (lbs.)	14.77	





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Shipping Weight (kg)	6.70	
Unit Dimensions (hwd / in.)	17.020 x 10.100 x 1.720	
Unit Packaging Type	Вох	
Unit Weight (lbs.)	8.8	
Unit Weight (kg)	3.99	
ENVIRONMENTAL		
Operating Temperature Range	32° to 122°F (0° to 50°C)	
Storage Temperature Range	-4° to 140°F (-20° to 60°C)	
Relative Humidity	0-80% non-condensing	
Operating Temperature	32° to 122°F (0° to 50°C)	
operating remperature	2 6 12 7 (6 16 66 6)	
COMMUNICATIONS		
Hotkey	Yes	
Port Control	Push Buttons, Hotkeys, OSD	
IP Remote Access	No	
PORT EXPANSION		
Daisy-chainable or Cascadable	Cascadable	
FEATURES & SPECIFICATIONS		
USB Hub Ports	Yes	
Number of USB Hub Ports	2	
USB Specification	USB 2.0 (up to 480 Mbps)	
NIAP-Certified Secure	No	
Number of Users	4	
On-Screen Display (OSD)	Yes	
Port Selection	Pushbutton; Hotkey; OSD	
HDCP Specification	1.4	
STANDARDS & COMPLIANCE		
	Ballo Foo (HOA) Tarah Arraman Arr (TAA)	
Product Compliance	RoHS; FCC (USA); Trade Agreements Act (TAA)	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	2-year limited warranty	





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